

AMENDMENT

IN THE CLAIMS:

Please amend claims 5 and 9 as follows:

5. (Amended) A process for removing unreacted ammonia from an effluent of a catalyst bed used in ammonoxidation of hydrocarbons, comprising the steps of:

Sub D1

(a) providing a fluidized bed reactor, said reactor comprising:

- (1) a catalyst bed for reacting ammonia and hydrocarbons therein;
- (2) a dilute phase of the catalyst bed disposed above the catalyst bed;
- (3) a set of internals disposed at least partially within the dilute phase of the catalyst bed;
- (4) an inlet of a first-stage cyclone separator disposed above the set of internals; and

(b) removing the unreacted ammonia from the effluent of the catalyst bed by passing the effluent through the set of internals, wherein the ammonia and hydrocarbons present in the effluent contact the dilute phase of the catalyst bed and react herein.

9. (Amended) A process for removing unreacted ammonia from an effluent of a catalyst bed used in ammonoxidation of hydrocarbons, comprising the steps of: